













GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1
VALUE	50 /	25 /	12.5 /	6.3 /	3.2 /	1.6 /	0.8 /	0.4 /	0.2 /	0.1 /	0.05 /	0.025 /
SYMBOL												

Technical drawing of a mechanical part, showing a front view (left) and a side view (right).

Front View (Left):

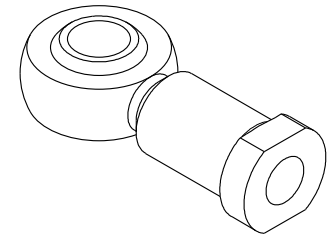
- Overall diameter: $\phi 30 \pm 0.5$
- Feature: $2.75 \times 45^\circ$
- Section line: A

Side View (Right):

- Overall length: 50 ± 0.5
- Feature: $6.5 \begin{smallmatrix} +0.2 \\ -0.7 \end{smallmatrix}$
- Internal diameter: $\phi 17.5 \pm 0.5$
- Outer diameter: $\phi 22 \pm 0.5$
- Section line: A



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ISOMETRIC VIEW

1. SURFACE FINISH : BALL SPH 0.2 μ Ra,
BALL I.D AND ENDS 0.8 μ Ra,
ALL OTHER MACHINE SURFACES 3.2 μ Ra,
FORGING SURFACE ✓
2. MARKING : MARKED WITH P/N
3. DIMENSIONS ARE IN METRIC. ALL DIMENSIONS SHALL BE MET AFTER PLATING.
4. NO BURS, NICKS, RUSTS ARE ALLOWED.
5. PACKAGE : BEARING SHALL BE SHIPPED PACKED WITH
LUBE OIL AND PACKAGED IN SEALED POLY BAGS.
6. LOAD CAPACITY : DYNAMIC LOAD 6.52 KN
RADIAL STATIC LIMIT LOAD 18.14 KN
7. NO LOAD RATIONAL BREAKAWAY TORQUE : 0.12 N.m MAX.
8. CLEARANCE : R/P 0.05 mm MAX.
9. APPROX. WEIGHT : 120 g
10. TO BE PAINTED IN ACCORDANCE WITH PAINT SPECIFICATION.
11. SCREW MACHINED SHALL BE DONE ACCORDING TO ISO 261 NORMAL GRADE OR ABOVE.

ROD END BEARING



BEML LIMITED
NEW FRONTIERS. NEW DREAMS.

525-84108

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